



Attorney Docket No.:  
First Inventor:  
Application No.:  
Filing Date:  
Title:

NEC0235US  
Tetsu Koyama  
09/672,644  
September 28, 2000  
FOUR DIMENSIONAL EQUALIZER AND FAR-END CROSS  
TALK CANCELER IN GIGABIT ETHERNET SIGNALS

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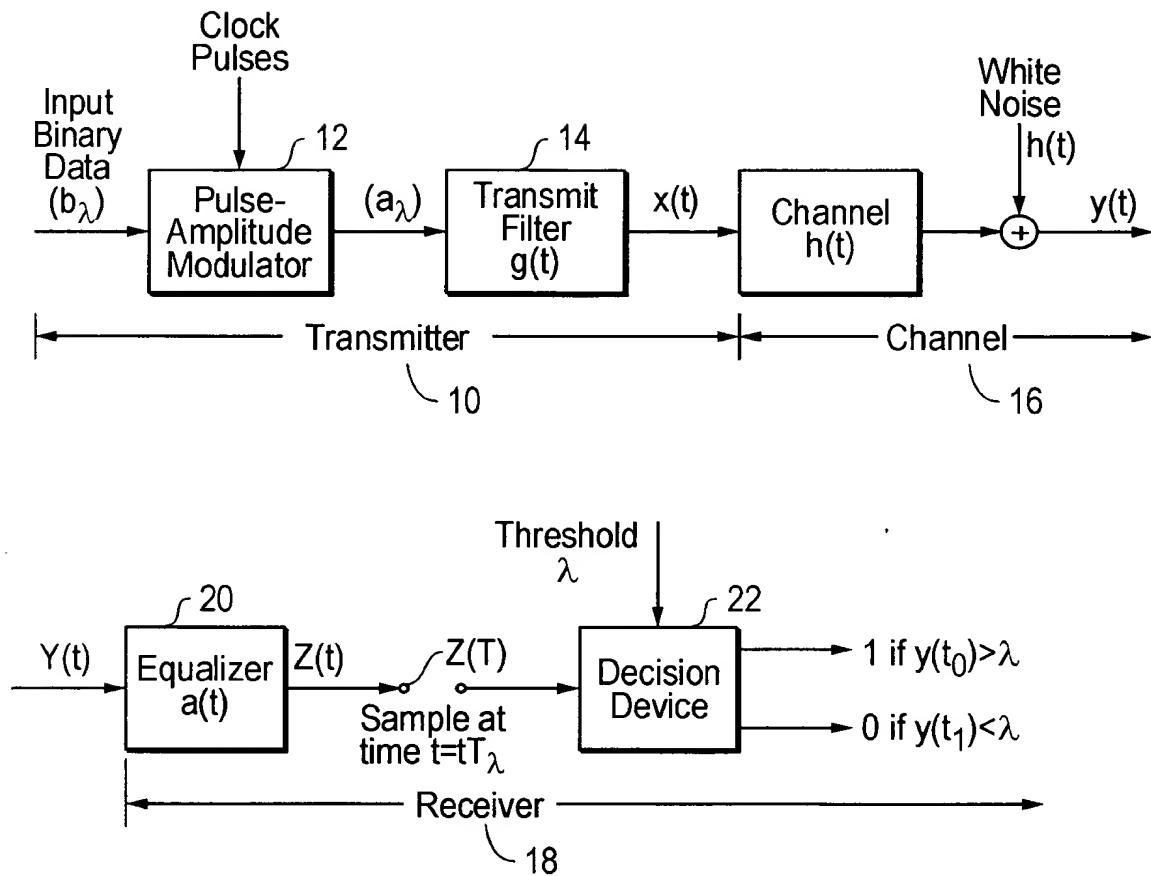
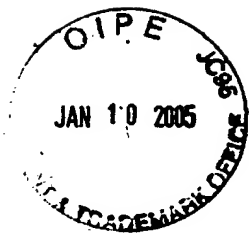


FIG. 1



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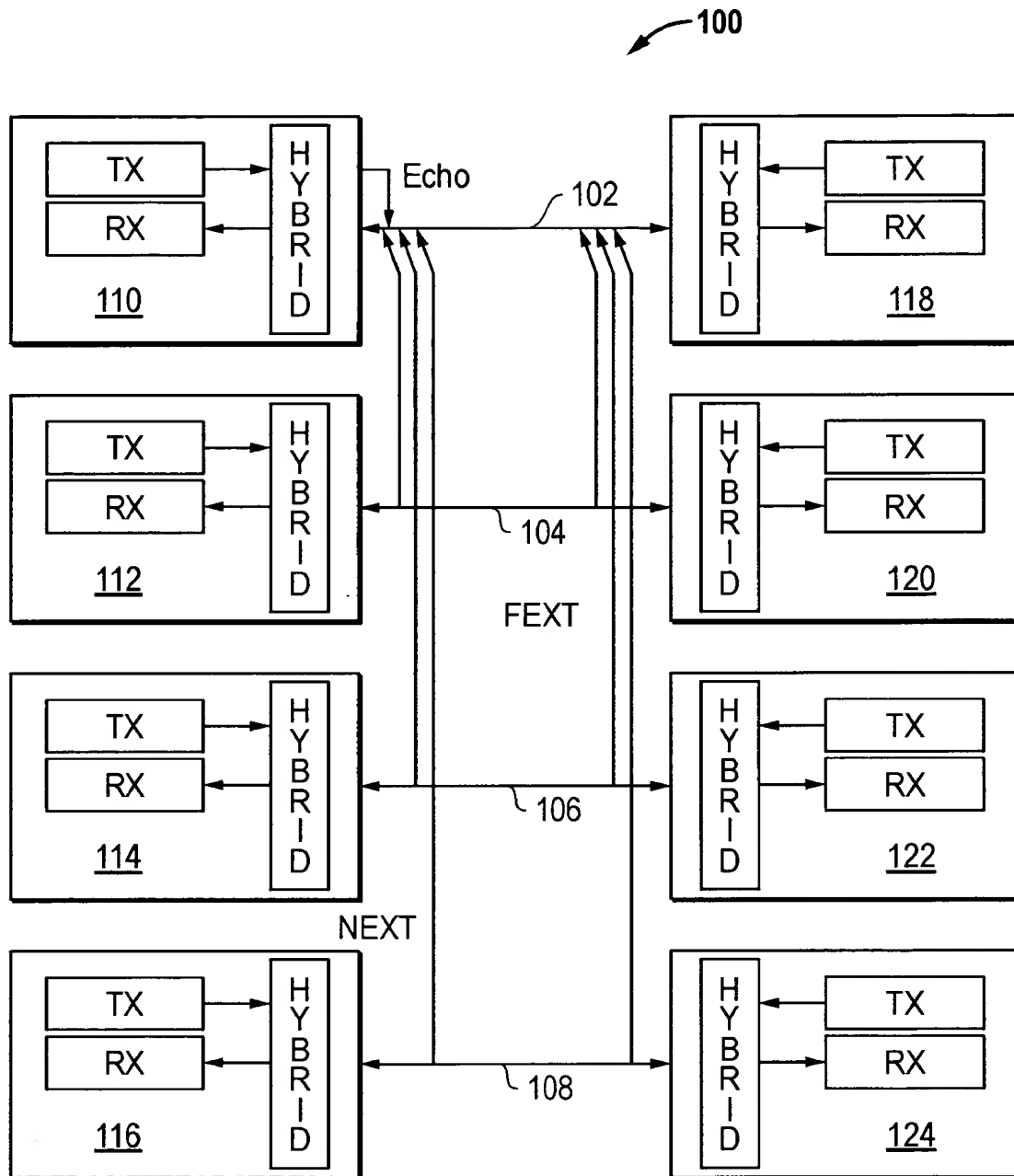
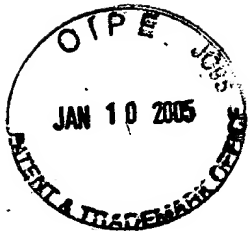
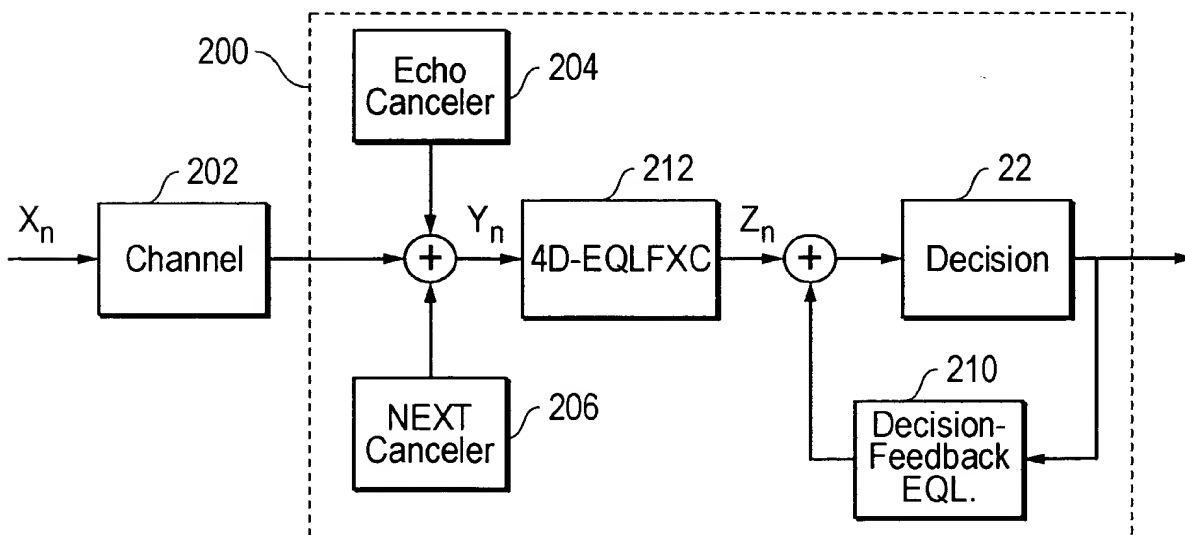
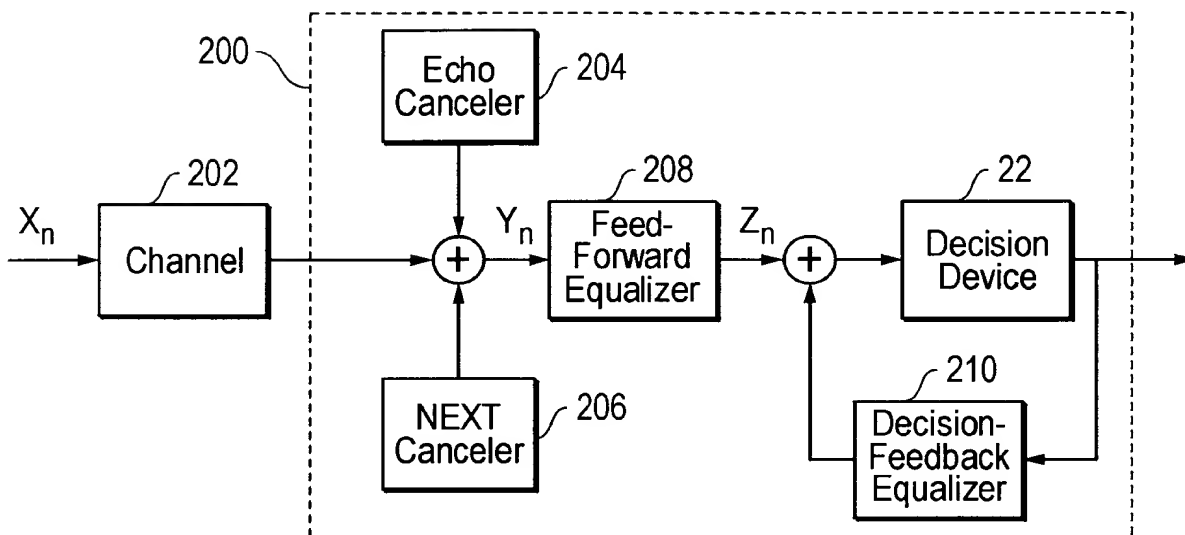


FIG. 1A



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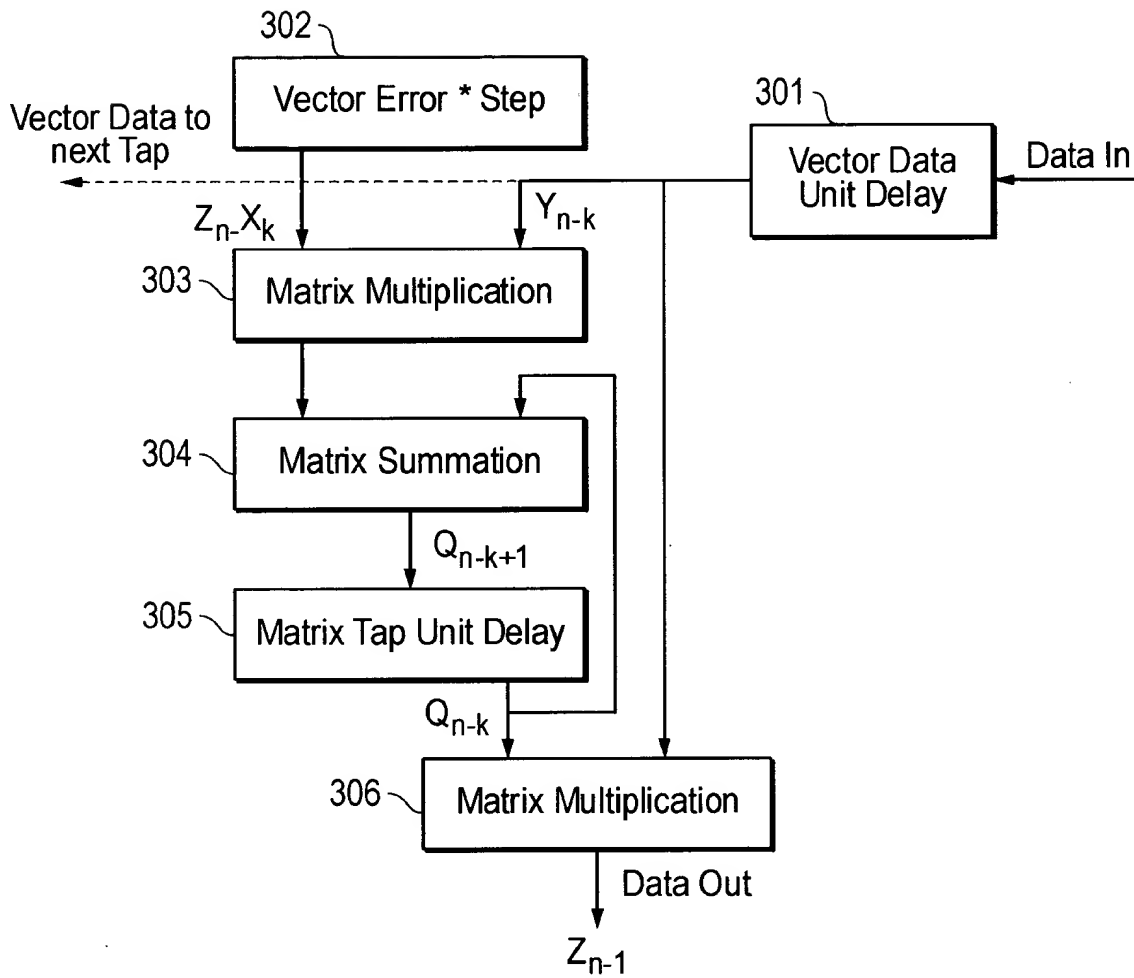


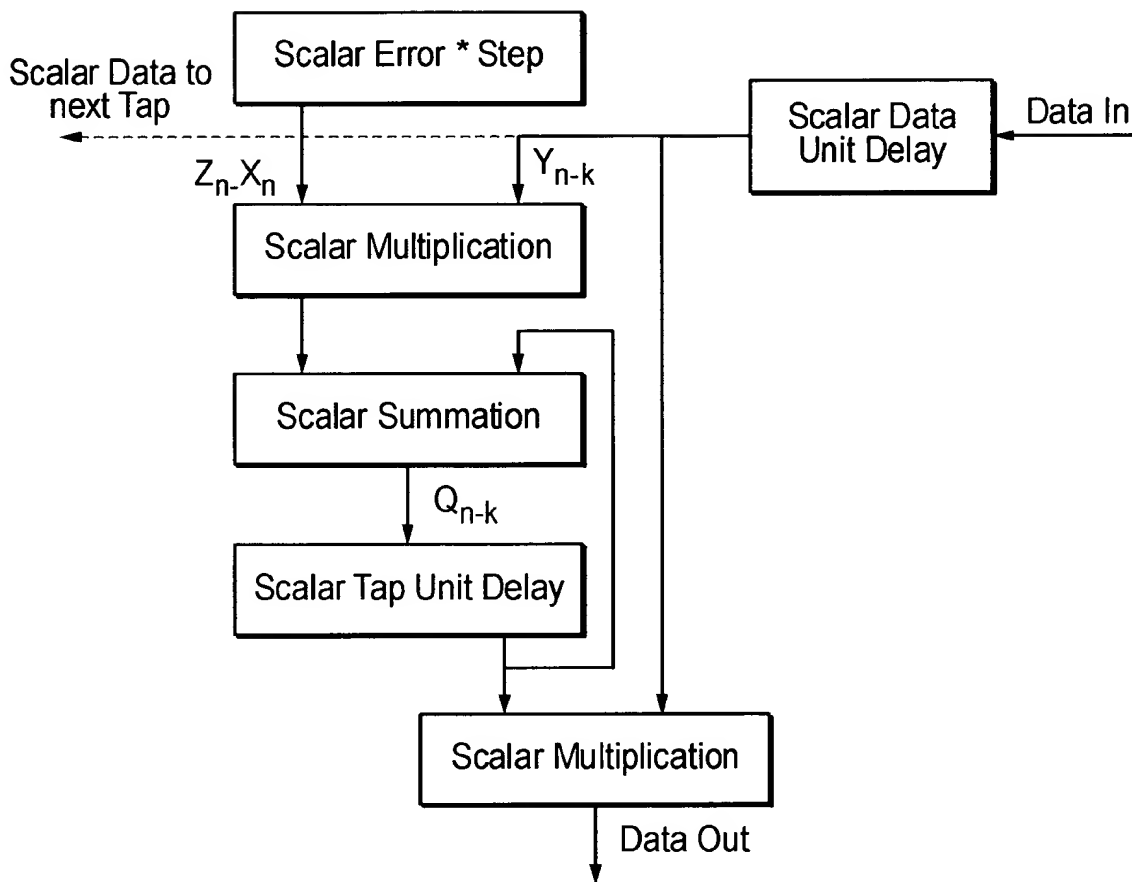
FIG. 3



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*FIG. 4*  
*(Prior Art)*



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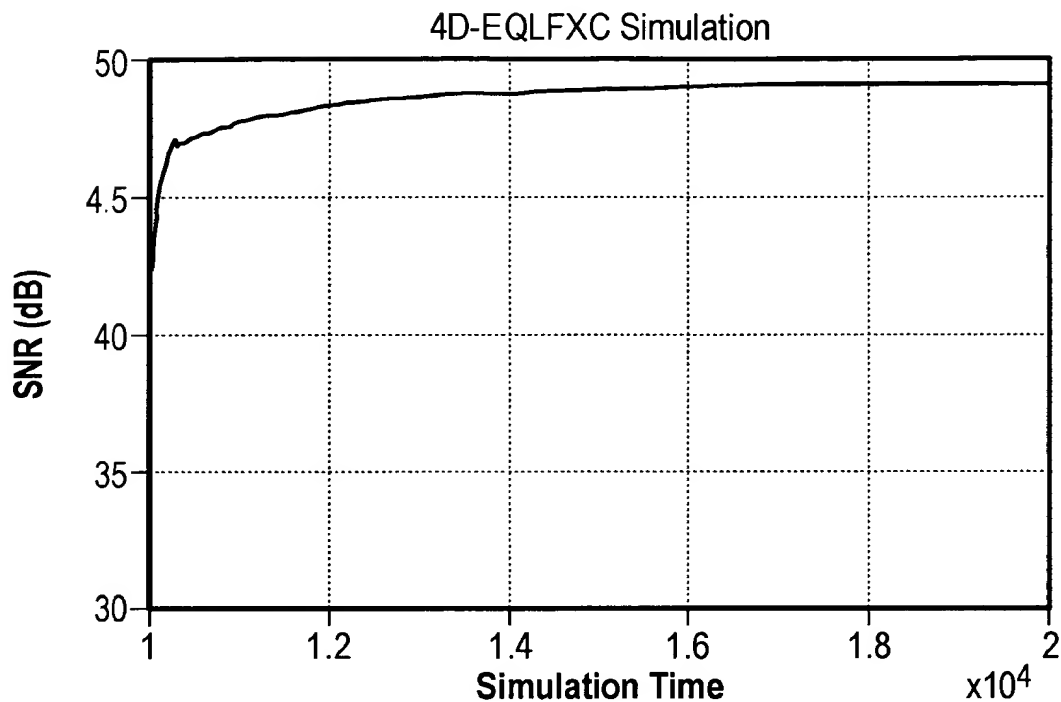
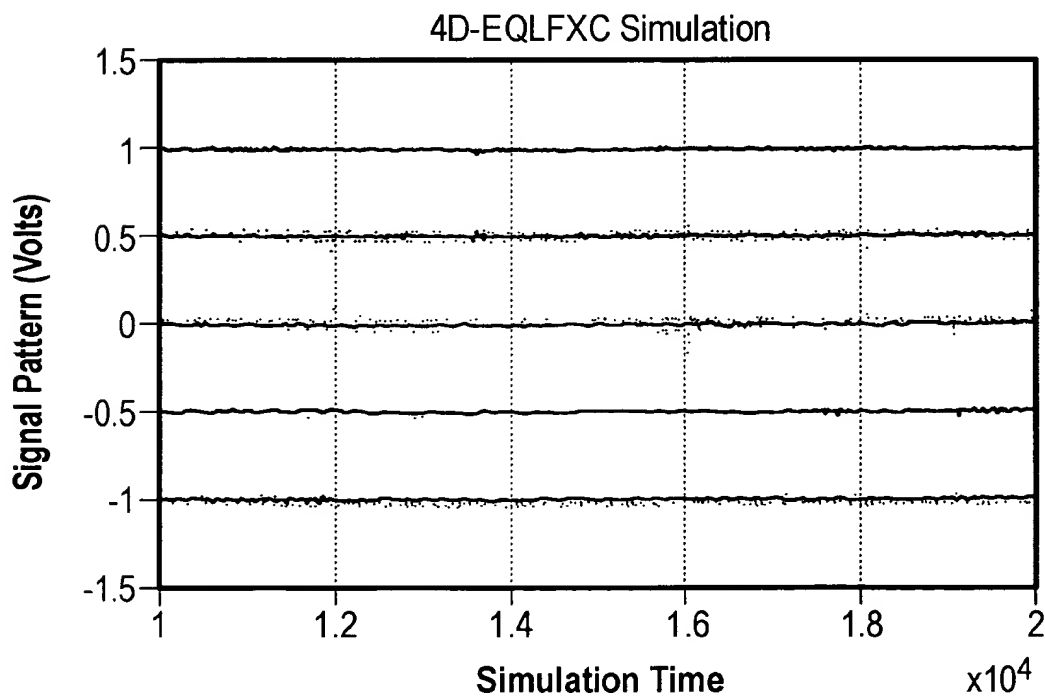


FIG. 5A

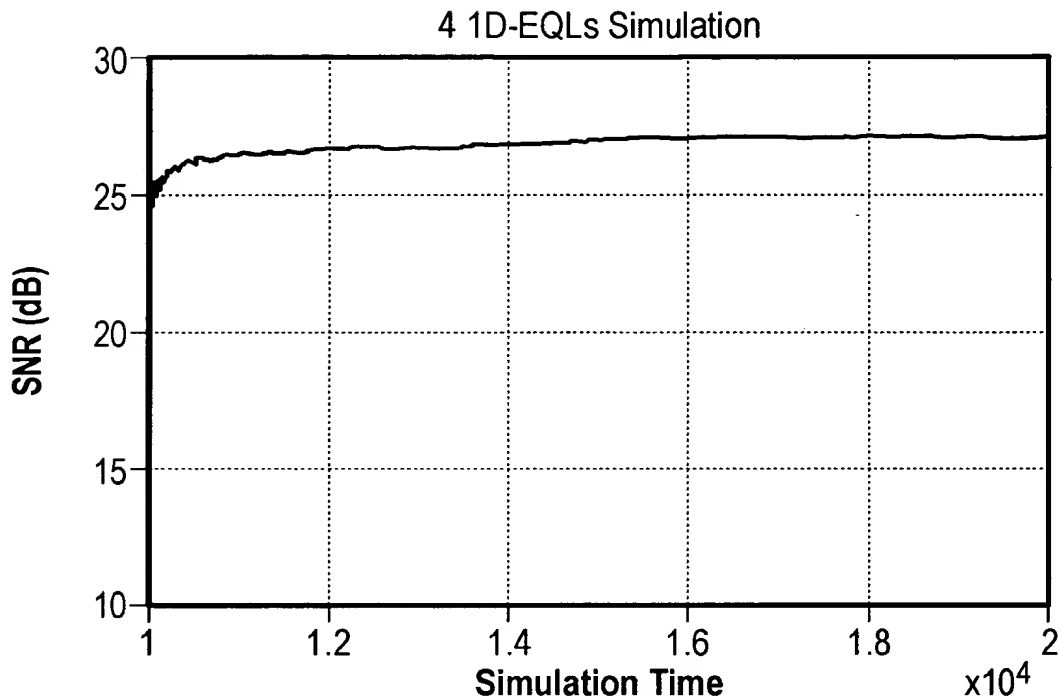


4D-EQLFXC Simulation (N=20,  $\mu=0.01$ )

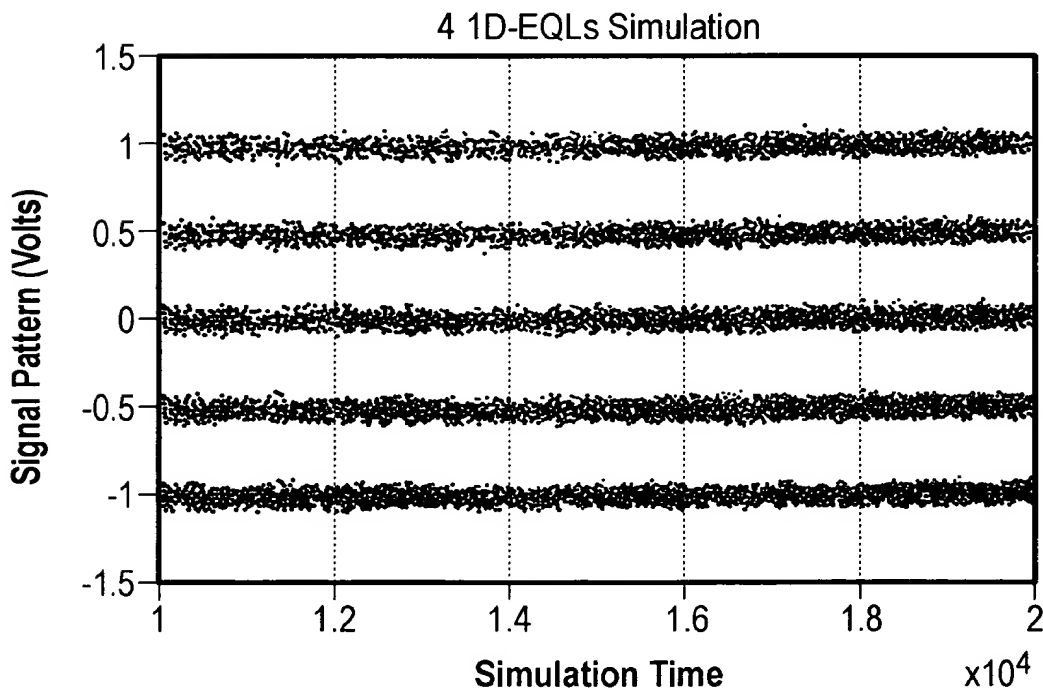
FIG. 5B



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*FIG. 6A*  
*(Prior Art)*



4 1D-EQLs Simulation ( $N=50, \mu=0.01$ )

*FIG. 6B*  
*(Prior Art)*